

C2
Canceled

8. The method of claim 1, wherein said plant is transformed with a nucleic acid containing a sequence which encodes a dominant negative mutant of a fatty acid desaturase.

9. The method of claim 1, wherein said plant is transformed with a nucleic acid containing a sequence which encodes a mutant fatty acid desaturase in which one or more essential histidine residues have been mutated.

C3

11. A method of altering an amount of an unsaturated fatty acid comprising
(a) transforming a plant cell with a nucleic acid containing a sequence which encodes a dominant negative mutant of a fatty acid desaturase,
(b) growing a seed-bearing plant from the transformed plant cell of step (a), and
(c) identifying a seed from the plant of step (b) with the altered amount of the unsaturated fatty acid in the seed.

C4

14. The method of claim 11, wherein said nucleic acid contains a sequence which encodes the dominant negative mutant of a fatty acid desaturase in which one or more essential histidine residues have been mutated.

15. The method of claim 11, wherein said nucleic acid contains a sequence which encodes the dominant negative mutant of a fatty acid desaturase.

REMARKS

Claims 1, 7-11 and 14-16 are currently pending. Claims 1, 7-9, 11 and 14-15 are newly amended. All of the pending claims are now directed to the elected subject matter of elected Group IV. Non-elected claims 2-6, 12-13 and 17-34 are newly canceled. Please note that the Office Action Summary (PTO-326) states that claim 11 is both withdrawn from consideration and rejected. Since claim 11 is included in elected Group IV and since the Examiner states that Group IV includes "1, 7-11 and 14-16" (Office Action, page 2, line 4), Applicants believe that